

Amendments to the Specification:

Please add the following two new paragraphs before the paragraph starting on line 13 of page 5:

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FIG. 12 is a perspective view of a variation of the multi-tiered modular rack depicted in FIG. 1.

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FIG. 13 is a top view of a variation of the removed chassis depicted in FIG. 1.

Please replace the paragraph beginning at page 17, line 9, with the following rewritten paragraph:

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[[A]] With reference to FIG. 13, in a second variation, which is applicable to the first or second embodiments, may be similar to the first or second embodiments in many features. This variation differs in that rather than (or supplemental to) drawing in ambient air to cool components, a source of chilled fluid such as air or another gaseous fluid (or 20 conceivably even a liquid fluid for an appropriate application) is in fluid communication with the chassis, preferably via passageways 903 within the rack. The chilled fluid preferably enters the upstream chamber 181 of the first embodiment, or the air mover intake manifold of the second embodiment, so as to pass through the heat exchanger. Similar to as noted above, modular racks configured for embodiments of this variation 25 might also receive typical air-cooled chassis, as well as receive similarly configured chassis (e.g., chassis configured to receive chilled air from a rack) that lack any type of liquid cooling, or that are configured with an evaporative cooling system as incorporated above by reference.

Please replace the paragraph beginning at page 18, line 7, with the following rewritten paragraph:

5 [[The]] With reference to FIG. 12, the modular rack liquid loop could include a heat sink 901 that is external to the plurality of chassis, and possibly external to the rack. The heat sink is preferably configured to dissipate heat from all the chassis connected into the rack liquid loop. The rack liquid loop could be exclusive to the modular rack, or it could encompass a plurality of modular racks interconnected in series and/or in parallel. Similar to as noted above with regard to the first- and second-described embodiments, 10 modular racks configured for these embodiments might also receive typical air-cooled chassis, as well as receive similarly configured chassis (e.g., chassis configured with a liquid-cooled heat exchanger) with an evaporative cooling system as incorporated above by reference.

15 Please replace the paragraph beginning at page 20, line 14, with the following rewritten paragraph:

20 Furthermore, With reference to FIG. 13, for cold plates 905 arranged in parallel, the tubing optionally can be configured with valves 907 or supplementary pumps such that the rate of rate of flow between parallel branches of the cooling system can be separately and individually controlled. The control system is thus configured to control the relative rate of coolant flow to the parallel cold plates (and their respective components). As a result, the cooling system can be operated at the lowest power level necessary to deliver adequate cooling to each heat-critical component.